

WEST Search History

DATE: Wednesday, June 30, 2004

Hide?	Set Name Query	Hit Count
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L39 l36 and L38	1
<input type="checkbox"/>	L38 COM or (component adj object adj model)	1022756
<input type="checkbox"/>	L37 COM or (component adj object adj model)	1625794
<input type="checkbox"/>	L36 l30 and L35	5
<input type="checkbox"/>	L35 L34 and l24	5
<input type="checkbox"/>	L34 l32 and L33	31
<input type="checkbox"/>	L33 l2	3603
<input type="checkbox"/>	L32 l26	3647
<input type="checkbox"/>	L31 L30	5
<i>DB=USPT; PLUR=YES; OP=OR</i>		
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<input type="checkbox"/>	L29 l11 or l23	7349
<input type="checkbox"/>	L28 l2 and l26	31
<input type="checkbox"/>	L27 l2 same L26	0
<input type="checkbox"/>	L26 (single or discrete) adj object\$1	3647
<input type="checkbox"/>	L25 single adj object\$1	3150
<input type="checkbox"/>	L24 l11 or l23	7349
<input type="checkbox"/>	L23 L12 or L13 or L14 or L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22	1784
<input type="checkbox"/>	L22 (719/320).ccls.	76
<input type="checkbox"/>	L21 (719/319).ccls.	56
<input type="checkbox"/>	L20 (719/318).ccls.	226
<input type="checkbox"/>	L19 (719/317).ccls.	112
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<input type="checkbox"/>	L11 707/100-104.1.ccls.	5711
<input type="checkbox"/>	L10 707/101.ccls.	1258
<input type="checkbox"/>	L9 5710925.pn.	1
<input type="checkbox"/>	L8 5737606.pn.	1

INVENTOR
NAME SEARCH
DONE ON
PALM

6-30-2004

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<input type="checkbox"/>	L7	5764958.pn.	1
<input type="checkbox"/>	L6	5805885.pn.	1
<input type="checkbox"/>	L5	5874954.pn.	1
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<input type="checkbox"/>	L1	dynamic adj object\$1	1150

END OF SEARCH HISTORY

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First Hit Fwd Refs**End of Result Set**☐ **Generate Collection** **Print**

L39: Entry 1 of 1

File: USPT

Jul 11, 2000

US-PAT-NO: 6088739

DOCUMENT-IDENTIFIER: US 6088739 A

TITLE: Method and system for dynamic object clustering

DATE-ISSUED: July 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pugh; David	Bellevue	WA		
Ball; John Eugene	Woodinville	WA		

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Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 673443 [PALM]

DATE FILED: June 28, 1996

INT-CL: [07] G06 F 9/44

US-CL-ISSUED: 709/315; 395/500.43

US-CL-CURRENT: 719/315; 703/22

FIELD-OF-SEARCH: 395/500, 395/680, 395/683, 395/500.28-500.49, 364/578, 709/300-305

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected **Search ALL** **Clear**

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>5050074</u>	September 1991	Marca	364/200
<input type="checkbox"/> <u>5481718</u>	January 1996	Ryu et al.	395/683
<input type="checkbox"/> <u>5710925</u>	January 1998	Leach et al.	709/303
<input type="checkbox"/> <u>5737606</u>	April 1998	Martin et al.	709/303
<input type="checkbox"/> <u>5764958</u>	June 1998	Coskun	395/500
<input type="checkbox"/> <u>5805885</u>	September 1998	Leach et al.	395/683
<input type="checkbox"/> <u>5874954</u>	February 1999	Kilmer et al.	345/333

OTHER PUBLICATIONS

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Howard, Duncan, "An Introduction to MUD, Multi-User Dungeon," Century Communications, London,

http://westbrs:9000/bin/gate.exe?f=doc&state=fvi481.40.1&ESNAME=FRO&p_Message=&p_Message=&... 6/30/04

1985.

ART-UNIT: 275

PRIMARY-EXAMINER: Banankhah; Majid A.

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ATTY-AGENT-FIRM: Dryja; Michael

ABSTRACT:

A method and system for dynamically modifying the behavior of a statically declared object that represents a simulated entity is provided. In a preferred embodiment, a clustering mechanism is provided that represents each simulated entity as a composite object, which is implemented as a composite object of component objects. The clustering mechanism allows the behavior of the composite object to be dynamically modified by adding interfaces to or removing interfaces from the composite object. Each interface, referred to as a role interface, includes methods that implement the behavior associated with a role that the composite object may assume. The clustering mechanism provides a negotiation procedure for attaching roles to the composite object. The component objects that comprise a composite object include a cluster object and zero or more role objects. The cluster object keeps track of the role objects currently within the composite object and exposes each of the role interfaces of each role object outside the composite object. The cluster object also contains functions for retrieving role interfaces and for invoking a function of an exposed role interface.

14 Claims, 24 Drawing figures

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